

11/12/99
JCS U.S. PTO
11/12/99

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JA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

**Petros A. IOANNOU, Elias B. KOSMATOPOULOS and
Alvin M. DESPAIN**

Serial No: Not yet assigned

Filed: November 12, 1999

For: **USE OF ABSOLUTE VALUE SIGNALS FOR
SERVO CONTROL AND SIGNAL ESTIMATION**

jc675 U.S. PTO
09/439055
11/12/99

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Transmitted herewith for filing is the patent application identified above.

19 sheet(s) of drawings (formal informal) is(are) enclosed.

65 pages of specification and 1 page of abstract of the invention are enclosed.

An assignment of the invention to is enclosed will follow.

An associate power of attorney is enclosed will follow.

A verified statement to establish small entity status under 37 C.F.R. §§ 1.9 & 1.27 is enclosed.

Declaration and Power of Attorney is enclosed will follow.

A certified copy of _____ Patent Application No. _____ filed _____ from which priority is claimed under 35 U.S.C. § 119 is enclosed.

IDS enclosed (with references).

Preliminary Amendment is enclosed.

CALCULATION OF FEES							
ITEM		TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE	\$ AMOUNT	\$ FEE
A	TOTAL CLAIMS FEE	24	-20	4	LG=\$18 SM=\$9	\$72	
B	INDEPENDENT CLAIMS FEE*	5	-3	2	LG=\$78 SM=\$39	\$156	
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)						\$ 228
D	MULTIPLE-DEPENDENT CLAIMS FEE						LARGE ENTITY FEE = \$260 SMALL ENTITY FEE = \$130
E	BASIC FEE						LARGE ENTITY FEE = \$760 SMALL ENTITY FEE = \$380
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)						\$ 988
G	ASSIGNMENT RECORDING FEE						\$ 40
	*LIST INDEPENDENT CLAIMS 1, 5, 9, 13 and 18						

A check in the amount of \$ 988 to cover the filing fee is enclosed.

A check in the amount of \$ 40 to cover Assignment Recordation fee is enclosed.

The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1820. **A copy of this sheet is enclosed.**

Any additional filing fees required under 37 C.F.R. § 1.16

Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted

LOEB & LOEB LLP

By:

WILLIAM H. WRIGHT
Registration No. 36,312
Attorney for Applicants

Date: 12 November, 1999

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Art Unit: Not yet assigned

Examiner: Not yet assigned

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

"Express Mail" Mailing Label No. **EL368584674US**

Date of Deposit: November 12, 1999

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

I hereby certify that

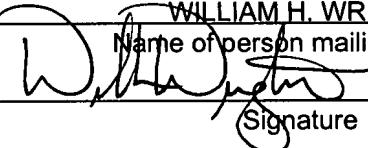
- two copies of a letter of transmittal
- check in amount of \$____ as filing fee
- patent application (65 pages of specification; 24 claims; 1 page of abstract
- 19 sheets of informal drawings
- executed Declaration and Power of Attorney
- assignment of the invention to _____
- Information Disclosure Statement with references
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231.

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Telephone: 310-282-2260
Facsimile: 310-282-2192

WILLIAM H. WRIGHT
Name of person mailing papers


Signature